

DERWENT-ACC-NO: 1998-393732

DERWENT-WEEK: 199904

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TITLE: Removable water-dispersion type pressure-sensitive adhesive composition - comprises a copolymer of a monomer mixture of (meth)acrylic acid alkyl ester and an epoxy group containing monomer

PATENT-ASSIGNEE: NITTO DENKO CORP[NITL]

PRIORITY-DATA: 1996JP-0319435 (November 29, 1996)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP <b><u>10158617</u></b> A	June 16, 1998	N/A	006	C09J 133/06

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
JP 10158617A	N/A	1996JP-0319435	November 29, 1996

INT-CL (IPC): C08F220/12, C09J007/02 , C09J133/06 , C08F220/12 , C08F220:04 , C08F220:32

ABSTRACTED-PUB-NO: JP 10158617A

BASIC-ABSTRACT:

A removable water-dispersion type pressure-sensitive adhesive compsn. with a gel fraction after heat drying of 50- 95wt.% comprises aq. dispersion contg. a copolymer of a monomer mixt. consisting essentially of at least 50wt.% of a (meth)acrylic acid alkyl ester with the alkyl having 4-12C, 0.1-10wt.% of a carboxy gp.-contg monomer and 0.1-10wt.% of an epoxy gp.-contg. monomer. Also claimed are removable pressure-sensitive adhesive sheets with a pressure-sensitive adhesive layer of the compsn. on a base material.

ADVANTAGE - The one pack removable water-dispersion type pressure-sensitive adhesive compsns. have sufficient pot life, excellent adhesion properties for

removable use, excellent removability and low contamination.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: REMOVE WATER DISPERSE TYPE PRESSURE SENSITIVE  
ADHESIVE COMPOSITION

COMPRISE COPOLYMER MONOMER MIXTURE METHO ACRYLIC  
ACID ALKYL ESTER

EPOXY GROUP CONTAIN MONOMER

DERWENT-CLASS: A14 A25 A81 G03

CPI-CODES: A04-F04B; A04-F05; A04-F06E6; A05-A01E3; A07-B02; A12-A01A;  
A12-A05B1; A12-A05C; G03-B02D1; G03-B02E2; G03-B04;

UNLINKED-DERWENT-REGISTRY-NUMBERS: 1174U; 1737U

ENHANCED-POLYMER-INDEXING:

Polymer Index [1.1]

018 ; H0033 H0011 ; G0340\*R G0339 G0260 G0022 D01 D12 D10 D26 D51  
D53 D58 D63 F41 F89 D11 D87 D88 D89 D90 D91 D92 D93 ; G0022\*R D01  
D51 D53 D60 F35\*R H0215 ; G0022\*R D01 D51 D53 D22\*R D42 F47 H0215  
; S9999 S1025 S1014 ; M9999 M2073 ; P0464\*R D01 D22 D42 F47 ; P0088

Polymer Index [1.2]

018 ; H0033 H0011 ; G0384\*R G0339 G0260 G0022 D01 D12 D10 D26 D51  
D53 D58 D63 F41 F89 D11 D88 D89 D90 D91 D92 D93 ; G0022\*R D01 D51  
D53 D60 F35\*R H0215 ; G0022\*R D01 D51 D53 D22\*R D42 F47 H0215 ;  
S9999 S1025 S1014 ; M9999 M2073 ; P0464\*R D01 D22 D42 F47 ; P0088

Polymer Index [1.3]

018 ; G0351\*R G0340 G0339 G0260 G0022 D01 D11 D10 D12 D26 D51 D53  
D58 D63 D87 F41 F89 ; R00446 G0282 G0271 G0260 G0022 D01 D12 D10  
D26 D51 D53 D58 D60 D83 F36 F35 H0215 ; R00800 G0384 G0339 G0260  
G0022 D01 D11 D10 D12 D23 D22 D26 D31 D42 D51 D53 D58 D63 D73 D87  
F47 F41 F89 H0215 ; H0033 H0011 ; P0464\*R D01 D22 D42 F47 ; S9999  
S1025 S1014 ; L9999 L2528 L2506 ; L9999 L2551 L2506 ; M9999 M2073  
; P0088

Polymer Index [1.4]

018 ; ND01 ; ND04 ; B9999 B5334 B5298 B5276 ; B9999 B5334 B5298  
B5276 ; B9999 B5334 B5298 B5276 ; B9999 B5334 B5298 B5276 ; B9999  
B5334 B5298 B5276 ; B9999 B5334 B5298 B5276 ; B9999 B5334 B5298  
B5276 ; B9999 B5334 B5298 B5276 ; B9999 B5334 B5298 B5276 ; Q9999  
Q6677 Q6644 ; Q9999 Q6677 Q6644 ; Q9999 Q6677 Q6644 ; Q9999 Q6677

Q6644 ; Q9999 Q6677 Q6644 ; Q9999 Q6677 Q6644 ; Q9999 Q6677 Q6644 ;  
; Q9999 Q6677 Q6644 ; Q9999 Q6677 Q6644 ; Q9999 Q6677 Q6644 ; Q9999  
Q6677 Q6644 ; B9999 B5016\*R B4977 B4740 ; K9483\*R ; K9676\*R ; K9712  
K9676 ; Q9999 Q7114\*R ; B9999 B3532 B3372 ; B9999 B5301 B5298 B5276

Polymer Index [1.5]

018 ; R01737 D00 F48 F60 K\* 1A O\* 6A S\* ; C999 C088\*R C000 ; C999  
C293

Polymer Index [1.6]

018 ; R05327 D01 D11 D10 D50 D61 D92 F60 Na 1A ; A999 A635 A624  
A566 ; A999 A771

Polymer Index [2.1]

018 ; R00351 G1558 D01 D23 D22 D31 D42 D50 D73 D82 F47 ; H0000 ;  
P0055 ; P8004 P0975 P0964 D01 D10 D11 D50 D82 F34 ; M9999 M2153\*R  
; M9999 M2200 ; A999 A635 A624 A566 ; A999 A782

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1998-119585